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Concl

NO: 18), LPIX-17 (SEQ ID NO: 19), LPIX-18 (SEQ ID NO: 20), LPIX-19 (SEQ ID NO: 21), LPIX-20 (SEQ ID NO: 22), LPIX-21 (SEQ ID NO: 23), LPIX-22 (SEQ ID NO: 24), LPIX-23 (SEQ ID NO: 25), LPIX-24 (SEQ ID NO: 26), LPIX-26 (SEQ ID NO: 28), and LPIX-27 (SEQ ID NO: 29) (the sequences of which are shown in Fig. 2). In addition,  $X_n$  are amino acid residues contiguous to the amino terminus of Y in the amino acid sequence of the protein allergen and  $Z_m$  are amino acid residues contiguous to the carboxy terminus of Y in the amino acid sequence of the protein allergen. In the formula, n is 0-30 and m is 0-30. Preferably, the peptide or portion thereof has a mean T cell stimulation index equivalent to greater than the mean T cell stimulation index of Y as shown in Fig. 4. Preferably, amino acids comprising the amino terminus of X and the carboxy terminus of Z are selected from charged amino acids, i.e., arginine (R), lysine (K), histidine (H), glutamic acid (E) or aspartic acid (D); amino acids with reactive side chains, e.g., cysteine (C), asparagine (N) or glutamine (Q); or amino acids with sterically small side chains, e.g., alanine (A) or glycine (G). Preferably n and m are 0-5; most preferably n + m is less than 10. ~~W~~

#### REMARKS

The SEQ ID NOs within the specification have been amended to agree with the sequence listing. No new matter has been added to the application.

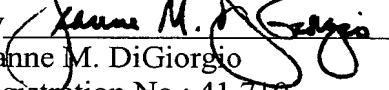
Attached hereto is a marked-up version of the changes made to the application by the current amendment. The attached page is captioned "Version with Markings to show changes made."

#### CONCLUSION

In view of the foregoing remarks, the application is in condition for allowance. If a telephone conversation with Applicants' Attorney would expedite the prosecution of the above-identified application, the Examiner is urged to call Applicants' Attorney at (617) 227-7400.

Dated: April 9, 2003

Respectfully submitted,

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